

CALL FOR PAPERS

EvoComNet2005

Second European Workshop on Evolutionary Computation in Communications, Networks, and Connected Systems

One of eight co-located EvoWorkshops,
Lausanne, Switzerland, 30 March- 1 April, 2005

Key dates:

Submission deadline:	5 November 2004
Notification of acceptance:	10 December 2004
Camera ready copy due:	14 January 2005

EvoComNet2005 is the second European Workshop on the application of evolutionary computation techniques to problems in communication, networks, and connected systems. New communication technologies, the creation of interconnected communication and information networks such as the Internet, new types of inter-personal and inter-organisational communication, and the integration and interconnection of production centres and industries are the driving forces on our road towards a connected, networked, society. Such sophisticated technologies and applications demand high quality solutions to increasingly complex, inherent problems.

EvoComNet2005 addresses applications of **evolutionary computation methods**, as well as other nature-inspired, meta-heuristic techniques, to the solution of problems in the following and related domains:

Communication systems: telecommunications; mobile, satellite, optical, and voice communications; personal communication systems; switching and routing; transmission systems; access systems; communication systems simulation; station and antenna design; information and speech processing; intrusion detection; error control coding; compression and cryptography; propagation and channel modelling, protocol design, etc.

Networks: networks and graph problems; unconstrained and constrained network design problems; network flows; network and computer security; Internet problems; electrical, power, and data networks; computer networks; location and link design; reliability and failure; corporate network design; location placement; network physical and software architecture; network hardware and software technologies; mobility networks and protocols; operations, maintenance, and management; signalling and control; active networks; network services and applications, etc.

Connected systems: network problems in non-technical environments; manufacturing, distribution and logistics networks; supply and disposal networks; inter-personal communication; communication analysis; inter-organisational communication; supply chains; information networks, etc.

EvoComNet2005 will be held at the University of Lausanne, Switzerland, 30 March- 1 April, 2005, as part of EvoWorkshops2005. The Workshop proceedings will be published by Springer in the LNCS series and will be available at the workshop.

For full details about submissions and updated news about the workshop please visit the workshop web page:

<http://www.evonet.info/eurogp2005>

Submission procedure

High quality papers are sought on topics related to the focus of the workshop, ranging from theoretical work to innovative applications. Submissions should be a maximum of ten A4 pages and they should be sent in zipped postscript or pdf format to gds@cmp.uea.ac.uk. It is recommended that the papers conform to the Springer Lecture Notes in Computer Science format (<http://www.springer.de/comp/lncs/authors.html>). It is important that the email accompanying submission should state ALL the authors, including ALL their email addresses. A notification of receipt will be emailed a few days after the submission.

The reviewing process is double blind. Authors should remove their names from submitted papers, and should take reasonable care that their identity is disguised. References to own work can be included in the paper, but should be referred to in the third person.

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